



SFR

Approved for use through 7/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 4 + 5 Refs., and Int'l Search Report

Application Number	10/561,937
Filing Date	December 22, 2005
First Named Inventor	Pavel Bokov
Art Unit	Unknown
Examiner Name	Not Yet Assigned
Attorney Docket No.	GRY-142US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08b; 5 References; International Search Report
--	---	--

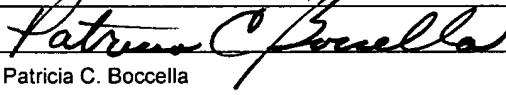
Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm Name	RatnerPresta		
Signature			
Printed Name	Kenneth N. Nigon		
Date	April 26, 2006	Registration No.	31,549

CERTIFICATE OF TRANSMISSION / MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or Printed Name	Patricia C. Boccella	Date	April 26, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/561,937
Applicant: Pavel Bokov et al.
Filed: December 22, 2005
Title: METHOD OF IMPROVING THE SAFETY OF ACCELERATOR COUPLED HYBRID NUCLEAR SYSTEMS, AND DEVICE FOR IMPLEMENTING THE SAME
TC/A.U.: Not Yet Assigned
Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08b submitted herewith. A copy of the references listed on the PTO/SB/08b is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,


Kenneth N. Nigon, Reg. No. 31,549
Attorney(s) for Applicant(s)

April 26, 2006

Enclosures: PTO/SB/08b
(5) References
International Search Report
Transmittal Form

Dated: April 26, 2006

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

April 26, 2006


Patricia C. Boccella



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

Complete if Known

Application Number	10/561,937
Filing Date	December 22, 2005
First Named Inventor	Pavel Bokov
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket No. GRY-142US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1.	A. LETOURNEAU et al., Neutron Production In Bombardments of Thin and Thick W, Hg, Pb Targets By 0.4, 0.8, 1.2, 1.8 and 2.5 GeV Protons, XP-002274468, Elsevier Nuclear Instruments and Methods in Physics Research B 170, 2000, pp 299-322;	<input type="checkbox"/>
	2.	A. GANDINI et al., Coupling of Reactor Power With Accelerator Current In Ads Systems, XP-002274469, Pergamon Annals of Nuclear Energy 27 (2000), pp. 1147-1165 ;	<input type="checkbox"/>
	3.	M. SEGEV et al., Transmutation of Neptunium, Americium, Technetium, and Iodine In Fast Spectrum Cores Driven By Accelerated Protons, XP008008570, Nuclear Science and Engineering 122, (1996), pp. 105-120	<input type="checkbox"/>
	4.	R. KRAKOWSKI, Accelerator Transmutation Of Waste Economics, XP 000511490, 8185 Nuclear Technology 110 (1995), June, No. 3, LaGrange, IL, US, pp 295-319	<input type="checkbox"/>
	5.	H. TAKAHASHI, Transmutation of High-Level Radioactive Waste by A Charged-Particle Accelerator, XP-002162557, Nuclear Technology, Vol. 111, July 1995, pp. 149-162	<input type="checkbox"/>
	6.	International Search Report May 25, 2005	<input type="checkbox"/>
			<input type="checkbox"/>
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.